



The Payne Firm, Inc.

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COPY

**SITE SPECIFIC
HEALTH AND SAFETY PLAN**

**Former South Dayton Landfill
1976 Dryden Road
Moraine, Ohio
Montgomery County**

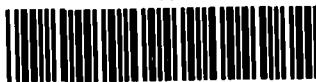
May 14, 1998

Project No. 0279.44.05

Client:

**Mr. Tim Hoffman
Coolidge, Wall, Womsley & Lombard
Dayton, Ohio**

US EPA RECORDS CENTER REGION 5



489895

Prepared By

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**The Payne Firm, Inc.
Cincinnati, Ohio**

**AMENDMENTS MUST BE APPROVED BY THE PROJECT MANAGER
PRIOR TO IMPLEMENTATION OF EACH AMENDMENT**

I. SITE HISTORY AND DESCRIPTION

A. Type of Site:

☐ Spill
☐ Hazardous Waste Site
☒ Other: Waste

Former landfill with sanitary history of sanitary, industrial, and construction debris disposal.

B. Activities Performed On-Site Prior to Investigation/Cleanup: Ohio EPA STEP Investigation - 1995/1996.

C. Unusual Features (containers, buildings, dikes, power lines, terrain, bodies of water, etc.): Power lines along western perimeter; pile of concrete rubble and other inert waste; low-lying areas that may contain surface water.

D. Results of Previous Surveys: VOC and metal detection in GW monitoring wells; low concentrations of SVOCs and metals in surface soils.

E. Waste Types:

☐ Liquid
☒ Solid
☐ Gas/Vapor

F. Characteristics:

☐ Toxic
☒ Flammable/Volatile
☐ Radioactive
☐ Reactive
☐ Corrosive

G. Substances: VOCs, SVOCs, Metals, Methane gas.

☐ Toxicity (Pel/TLV)
☒ Quantity - Low quantities in soil and ground water

H. Physical Hazards:

☒ Heat
☐ Cold
☒ Noise
☐ Radiation

X Other:

Comments: Slips, trips and falls; drill rig operations; electrical pump operations.

I. Weather: Spring conditions; 65-85°F; moderate chance for rain.

II. SITE ORGANIZATION AND CONTROL

A. Work Areas Identified: Yes, refer to site map with well locations (MW201, 202, 203, 204 and 205).

B. Decontamination Areas Identified: Decon will be conducted at well/work areas.

C. Support Areas Established: 25 to 50 feet from drill rig or monitoring well location.

D. Site Security Established: Security is maintained by a fence and locked gate.

E. Sketch of Site Availability: Refer to site map.

F. Site Safety Officer: Mark Berkich.

III. JOB ACTIVITIES/WORK PLANS

A. Types of Activities to be Performed:

DRUMS	<u> </u>	Staging
	<u> </u>	Treatment
	<u> </u>	Disposal
	<u> </u>	Excavation
	<u> </u>	Sampling
SOIL	<u> </u>	Excavation
	<u> </u>	Treatment
	<u> X </u>	Disposal – of soil cuttings on the ground surface.

WATER TREATMENT:

SPILL CLEANUP:

WELL INSTALLATION: Overseeing the installation of ground water monitoring wells.

OTHER: Monitoring well development and sampling.

COMMENTS:

IV. EDUCATION AND TRAINING

Special Training Required for this Site: No

Describe:

V. MEDICAL SURVEILLANCE

Special Medical Monitoring Required: No

Describe:

VI. AMBIENT FIELD MONITORING

- A. Field Monitoring Equipment Needed for this Site:** Volatile Organic Vapors – TVA or OVA.
- B. Monitoring Protocol (should correspond with Work Plan):** Screen vapors emanating from the borehole during drilling activities.

VII. LEVELS OF PROTECTION

- A. Job Activity:** Oversight of well installation activities.
Level: Level D with capability to upgrading to Level C.
List of Personal Protective Equipment: Steel toe boots, latex gloves, hard hat.
- B. Job Activity:** Development and sampling of monitoring wells.
Level: D

List of Personal Protective Equipment: : Steel toe boots, latex gloves, hard hat.

C. Job Activity:

Level:

List of Personal Protective Equipment:

D. Job Activity:

Level:

List of Personal Protective Equipment:

E. Job Activity:

Level:

List of Personal Protective Equipment:

F. Job Activity:

Level:

List of Personal Protective Equipment:

VIII. SAFETY EQUIPMENT LIST

A. First Aid: First aid kit located in the field support vehicle.

B. Fire Fighting: Extinguisher located on drill rig.

C. Communications (radios/signs): Cell phone located in field support vehicle.

Directions:

1. **Ambulance (name and phone):** 911
2. **Fire Department (name and phone):** 911
3. **Local Police (name and phone):** 911
4. **Site Telephone Number:** No phone available on the site.
5. **Client Telephone Number:** 937-449-5540.

D. National or Regional Sources of Assistance:

1. The Payne Firm, Inc..... (513) 489-2255
2. Poison Control Center of Southwest Ohio..... (800) 762-0727
3. U.C. Drug & Poison Information..... (513) 558-5111
4. U.C. Occupational Health Center (800) 424-9300

5. Chemtrec (Chemical Emergencies) (24 hrs)..... (800) 424-9300
6. National Response Center (NRC)
Oil & Chemical Substances (24 hrs) (800) 424-8802
7. U.S. EPA Region V Emergency Response (24 hrs) (312) 353-2318
8. Ohio EPA Emergency (24 hrs) (800) 282-9378
9. U.S. DOT Office of Hazardous Substances (24 hrs)..... (800) 752-6367
10. Alcohol, Tobacco and Firearms Reporting (24 hrs) (800) 800-3855
11. EPA Superfund/RCRA Hotline (800) 424-9346
12. EPA TSCA Hotline (800) 835-6700
13. Emergency Planning
Community Right-to-Know Hotline..... (800) 535-0202

E. Special First Aid or Evacuation Procedures:

F. Personal Protective Equipment:

G. Decontamination Equipment:

H. Sanitation:

_____ Latrines
 _____ Showers
 _____ Hand Washing

Comments:

IX. DECONTAMINATION PROCEDURES

A. Work Activities: Well Installation.

Level of Protection: D with Level C capability.

Decontamination Solutions: Alconox and distilled water.

Procedures (by station):

B. Work Activities: Ground Water.

Level of Protection: D with Level C capability.

Decontamination Solutions: Alconox and distilled water.

Procedures (by station):

X. CONTINGENCY PLANS

A. Local Sources of Assistance: 911

1. **Hospital:** St. Elizabeth Hospital located approximately 2 miles northeast of the Site. Take Dryden Road north to McNicholas Road. Turn right to

I-75. Proceed one-mile north on I-75 to the Albany Street Exit. Turn right and go two blocks; hospital located on the north side of Albany Street (see attached map).

AMENDMENTS TO SITE-SPECIFIC HEALTH AND SAFETY PLAN

Changes in field activities or hazards:

Proposed Amendment:

Proposed By:

Date:

Approved By:

Accepted

Declined

Date:

Amendment No.:

Amendment Effective Date:

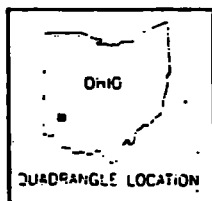
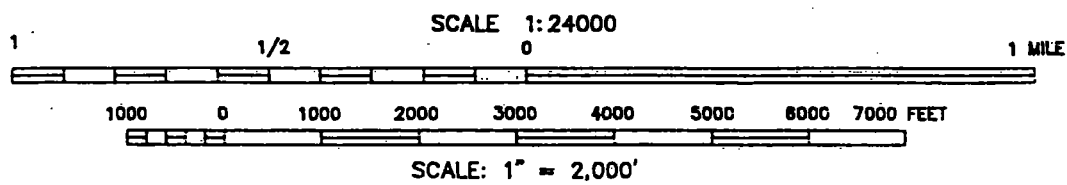
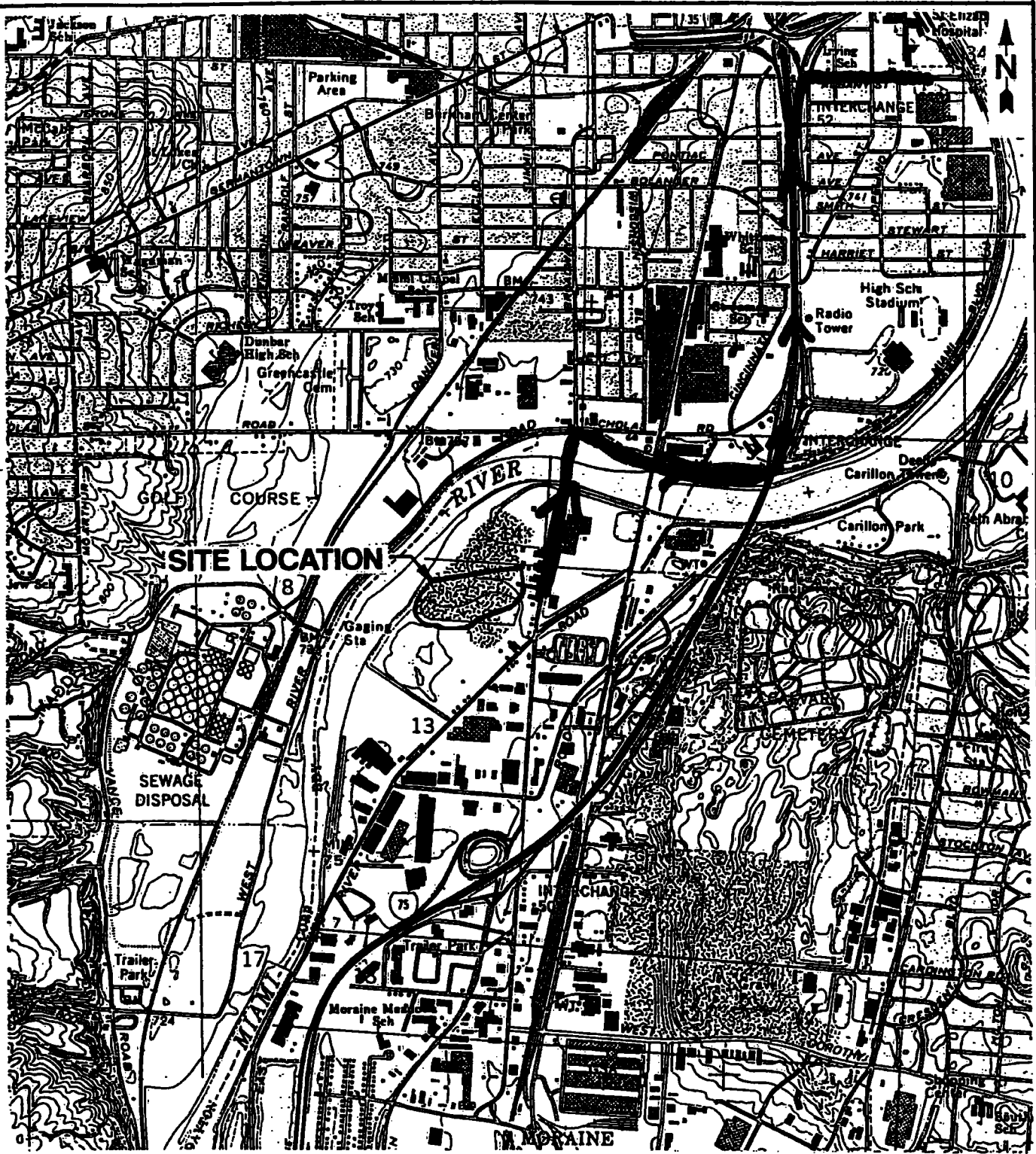


FIGURE 1. SITE LOCATION MAP

**SOUTH DAYTON DUMP
MORaine, OHIO**

OHIO EPA, DERR/SWIKO

SOURCE: TAKEN FROM PRC, 1995.